

FIG. 1

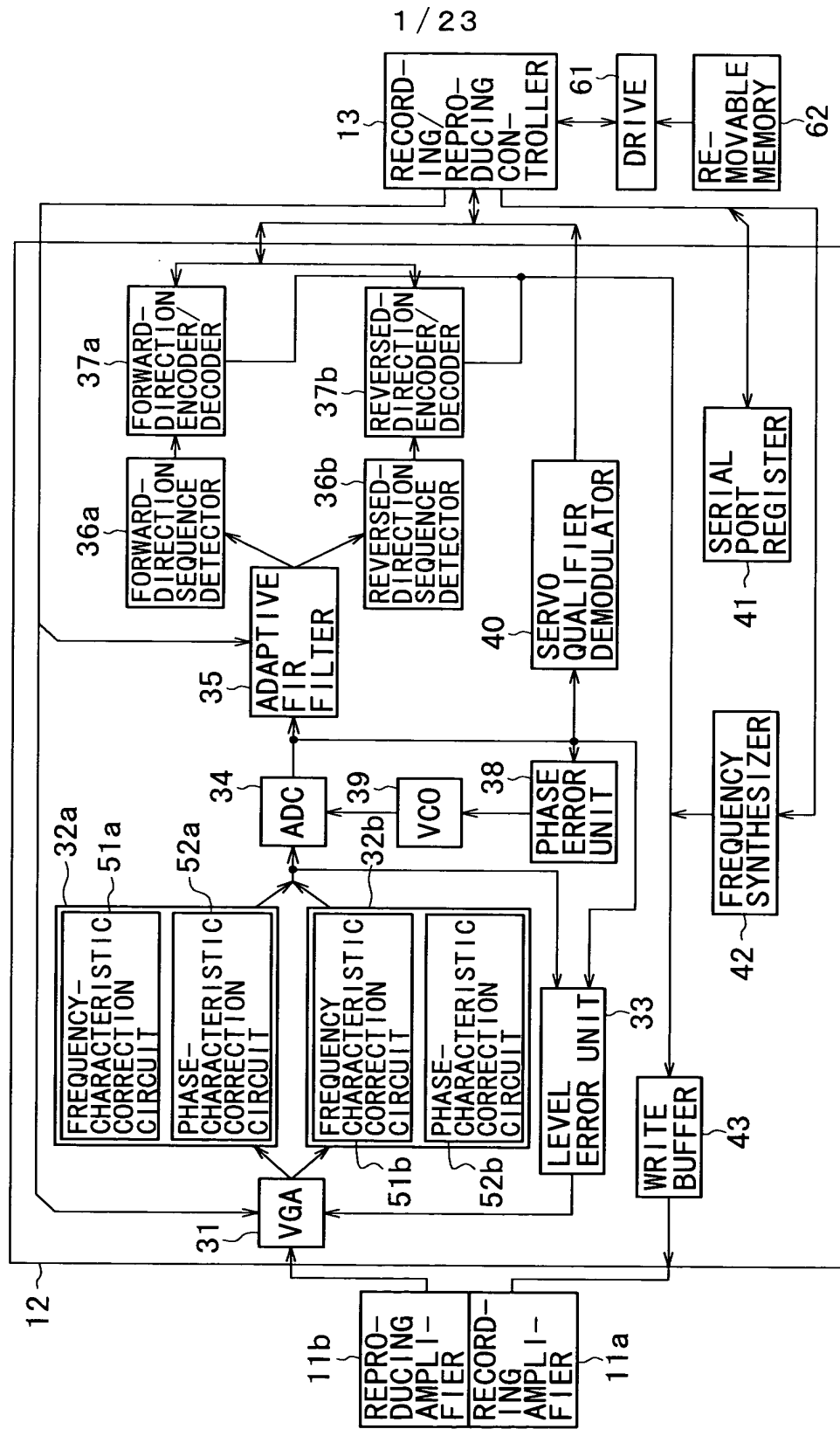


FIG. 2

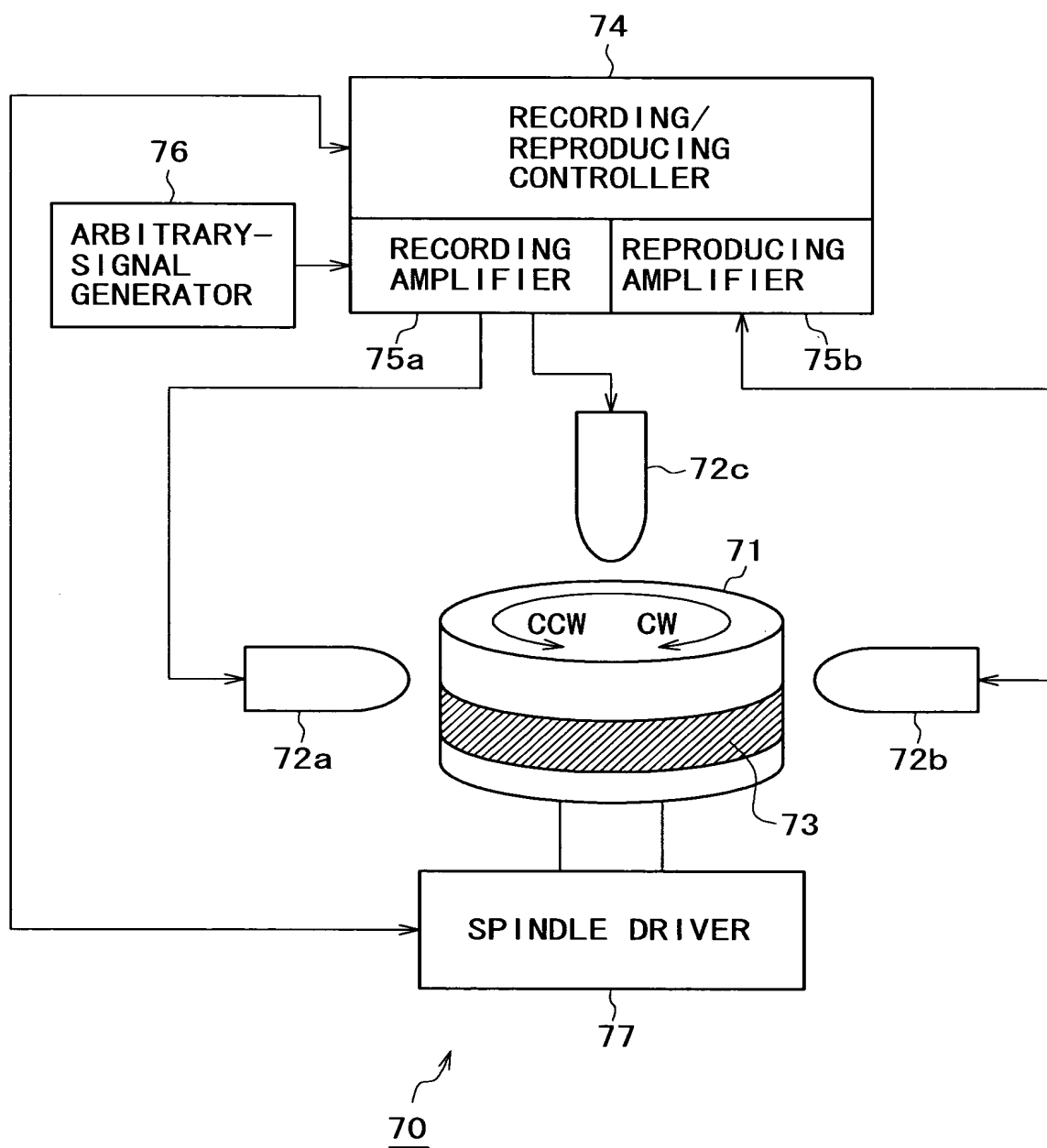
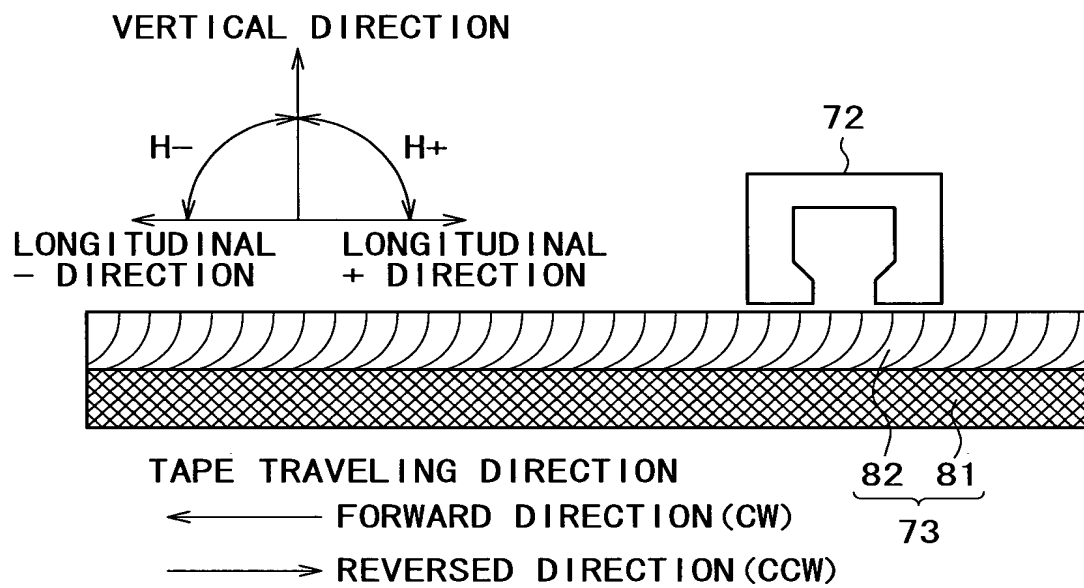
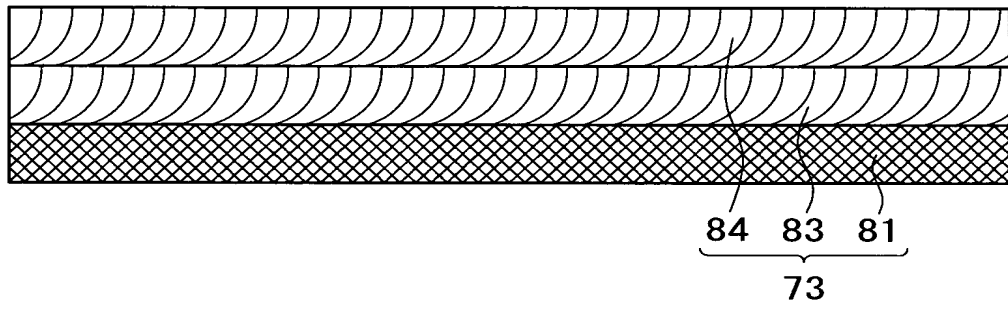


FIG. 3



F I G. 4



F I G. 5

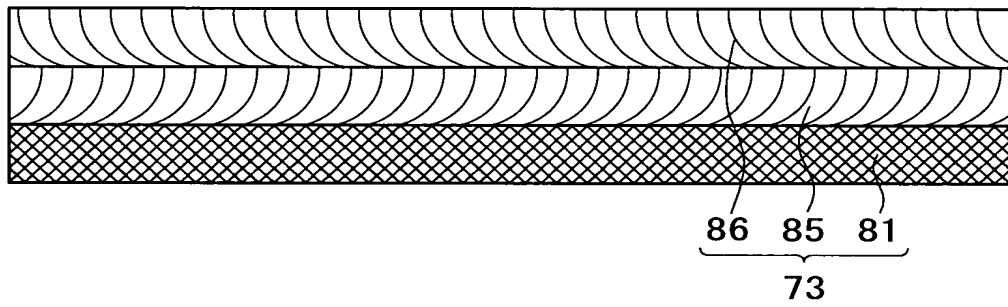


FIG. 6

TEST ENVIRONMENT	ORDINARY TEMPERATURE AND ORDINARY HUMIDITY
DRUM REVOLUTION SPEED	1300rpm FORWARD DIRECTION (CW) AND REVERSED DIRECTION (CCW)
TAPE	THIN-LAYER COBALT OBLIQUE MAGNETIC TAPE (H _c OF 105kA/m AND Mr · t OF 1.6 memu/cc)
RECORDING HEAD	MIG HEAD (TRACK WIDTH OF 12 μ m AND EFFECTIVE GAP LENGTH OF 0.21 μ m)
REPRODUCING HEAD	MR HEAD (DEVICE TRACK WIDTH OF 9 μ m AND INTER-SHIELD GAP LENGTH OF 0.23 μ m)
HEAD/TAPE RELATIVE SPEED	6.8m/s
RECORDING FREQUENCY AT THE TIME OF MEASUREMENT OF SOLITARY WAVE HALF BAND WIDTH (PW50) AND SOLITARY WAVE OUTPUT (IS TAA)	1MHz

FIG. 7

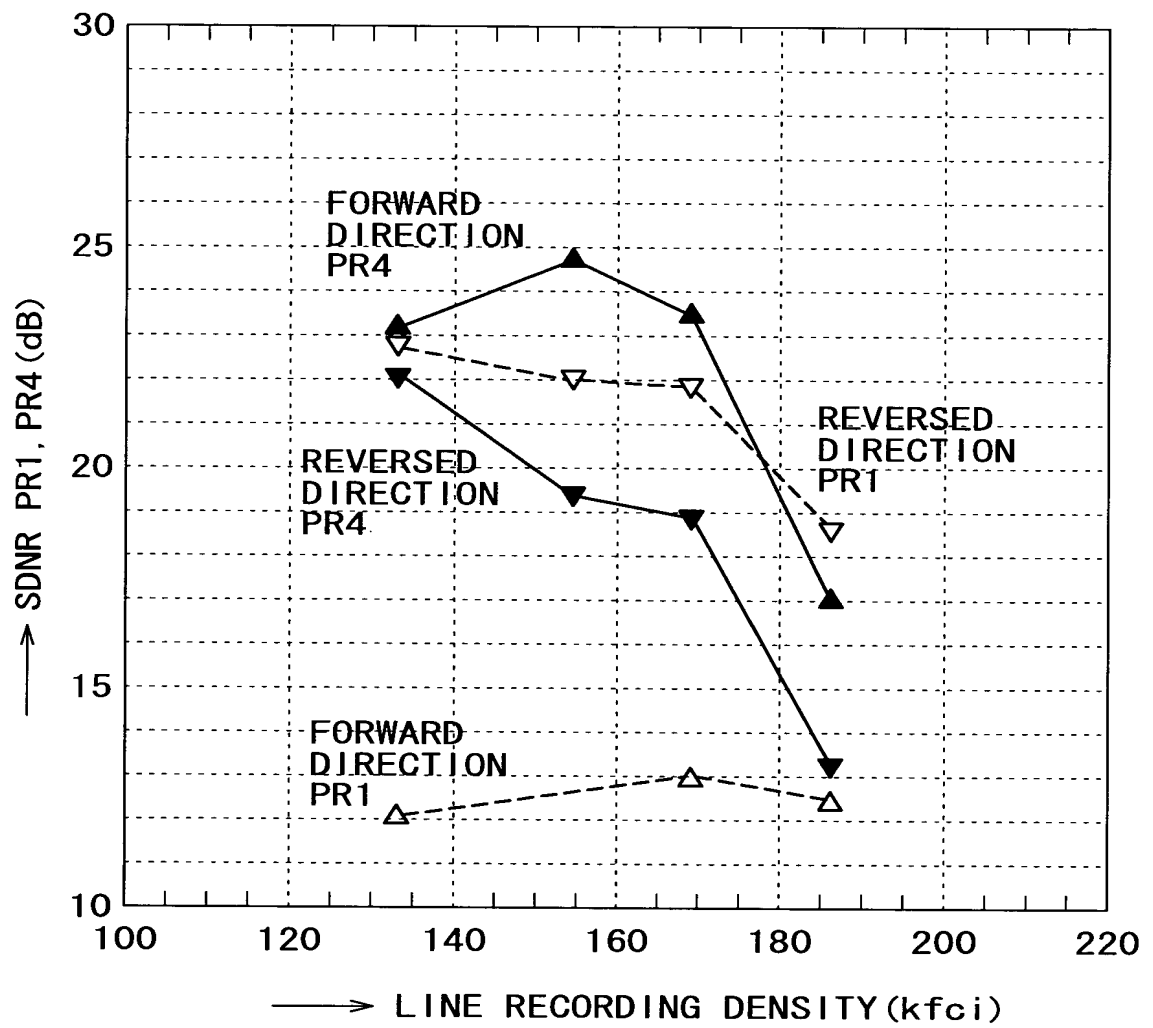


FIG. 8

FORWARD DIRECTION
LINE RECORDING DENSITY OF 170 kfci
PR4 EQUALIZATION SDNR OF 23.7 dB

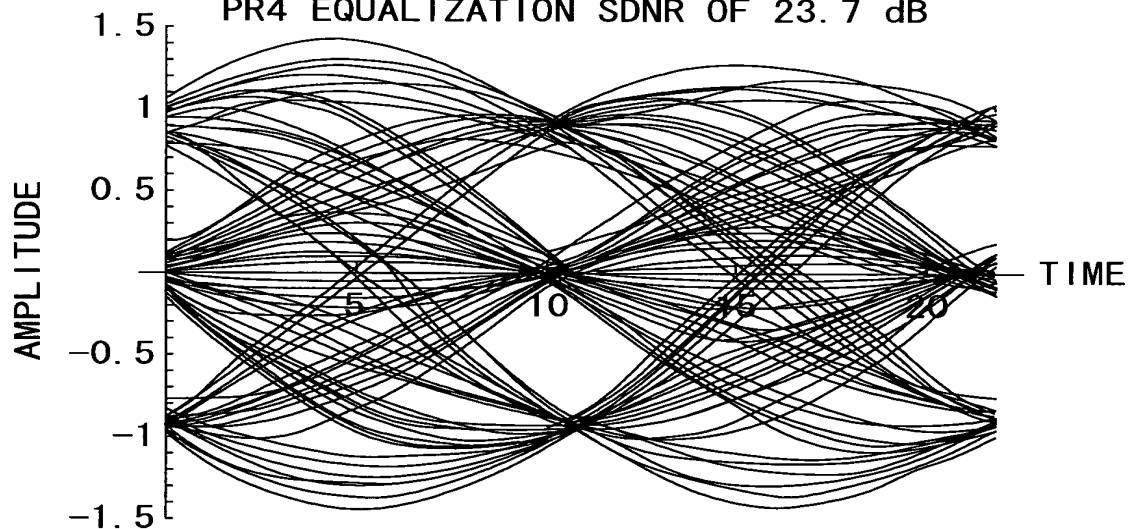


FIG. 9

REVERSED DIRECTION
LINE RECORDING DENSITY OF 170 kfci
PR1 EQUALIZATION SDNR OF 21.9 dB

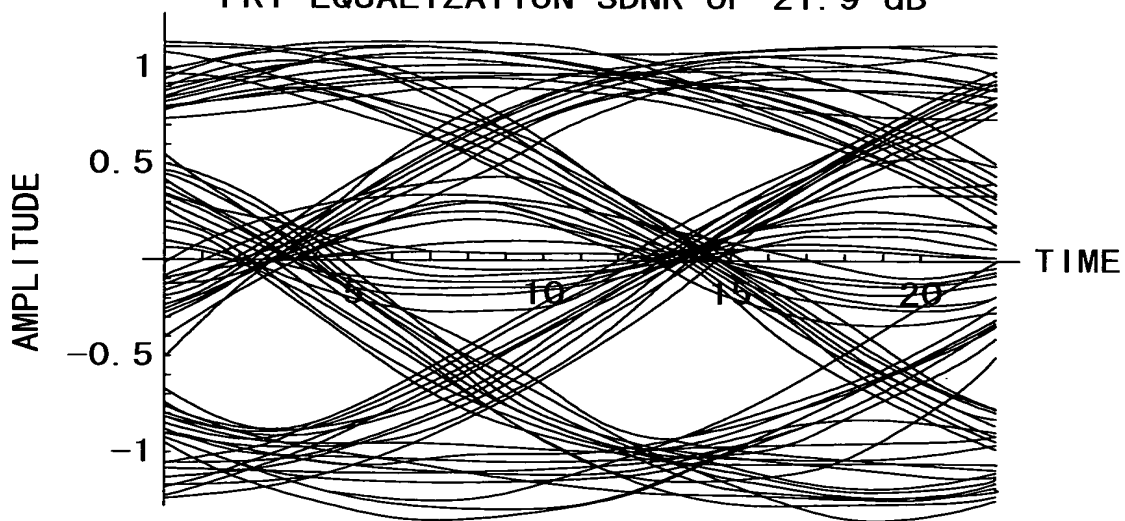


FIG. 10

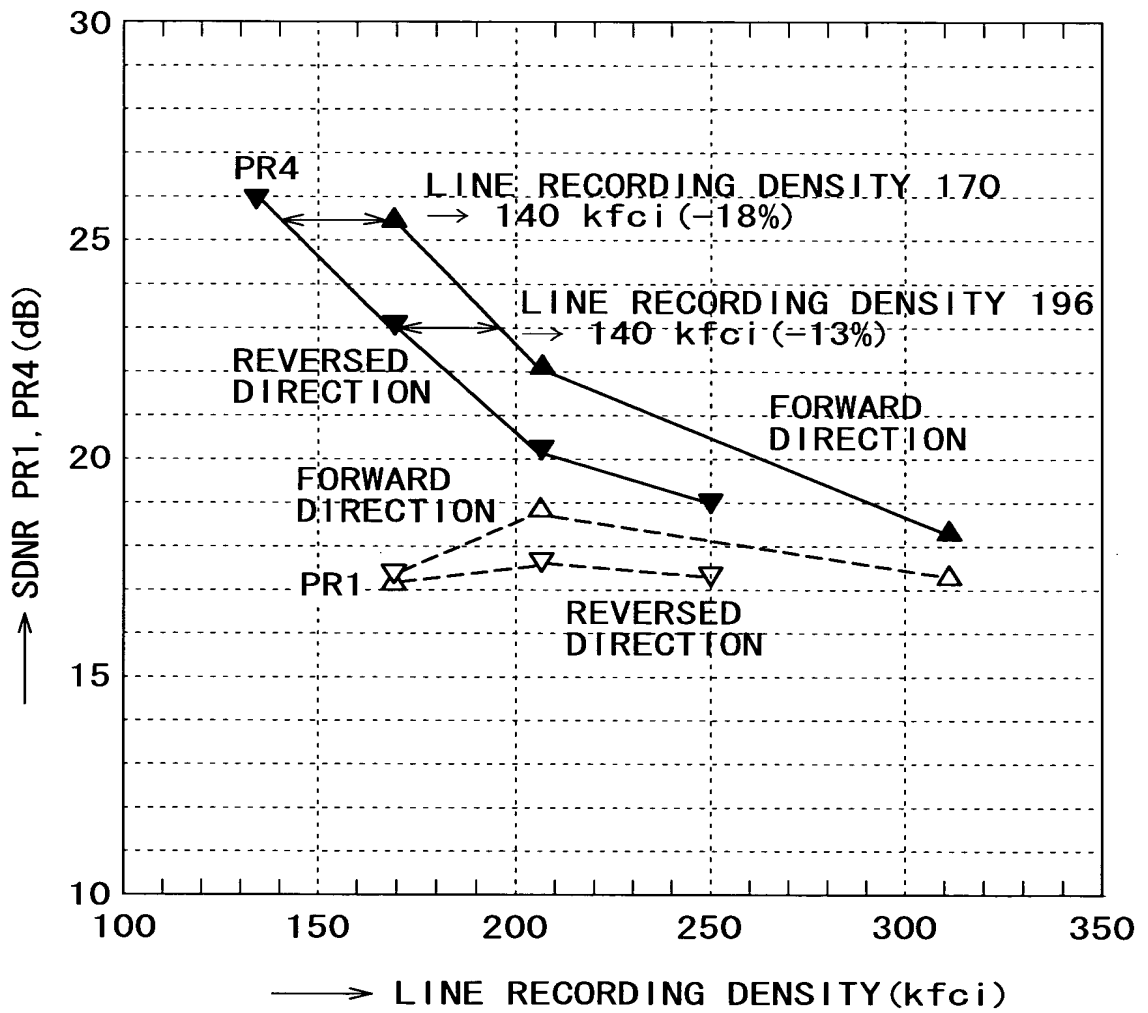


FIG. 11

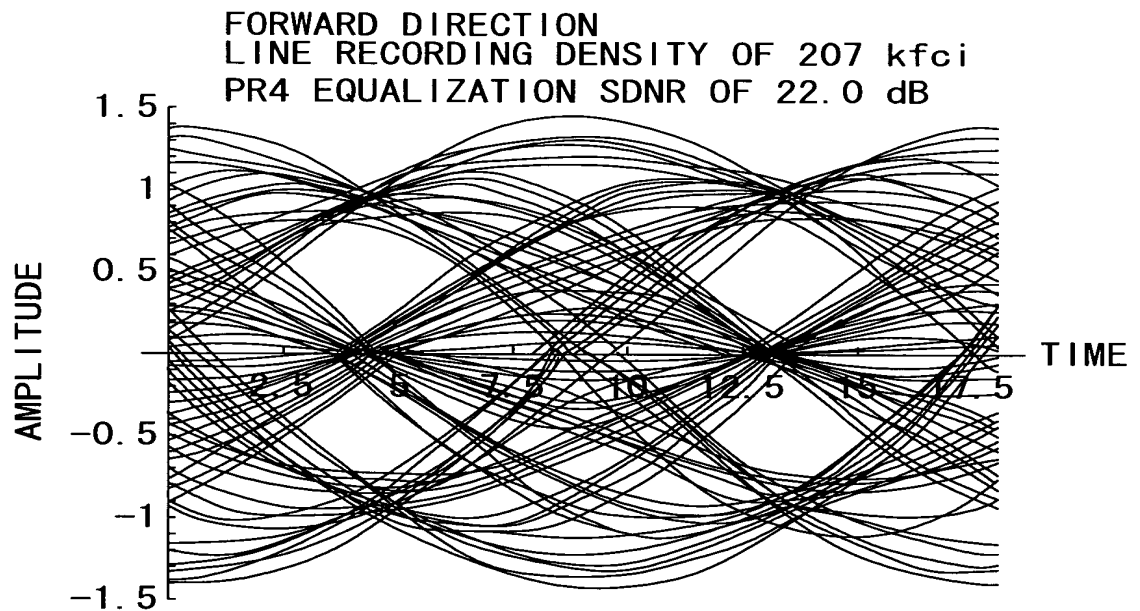


FIG. 12

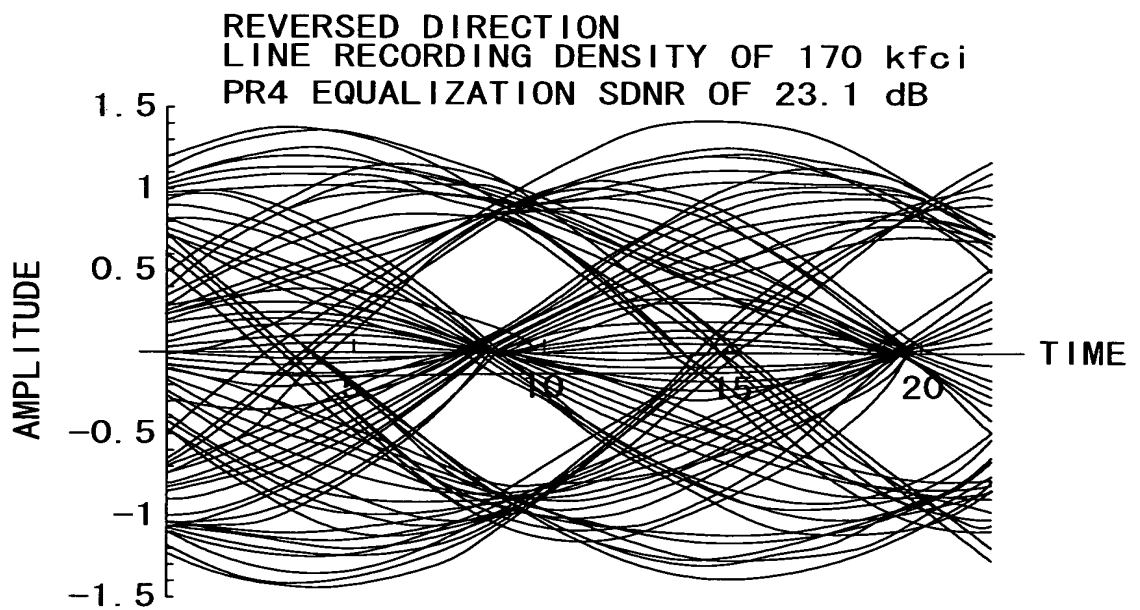


FIG. 13

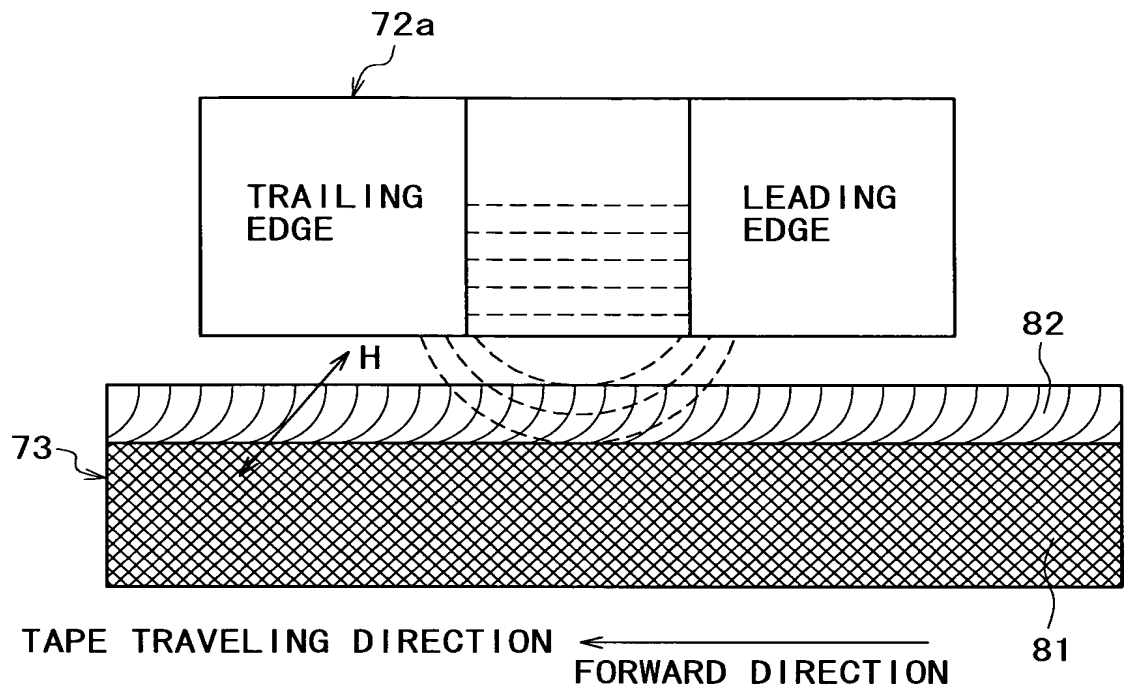


FIG. 14

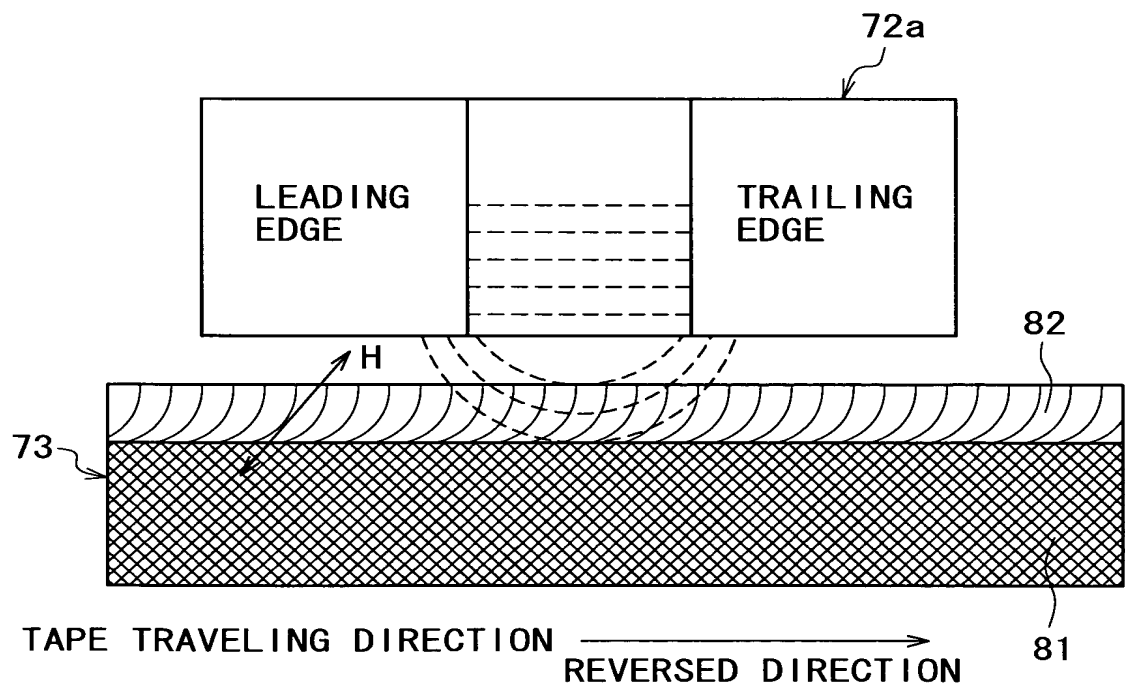


FIG. 15

TAPE: THIN-LAYER COBALT OBLIQUE EVAPORATION TAPE
 RECORDING HEAD: MIG (TRACK WIDTH OF $12\ \mu\text{m}$)
 REPRODUCING HEAD: MR (DEVICE TRACK WIDTH OF $9\ \mu\text{m}$
 AND INTER-SHIELD GAP LENGTH OF $0.23\ \mu\text{m}$)

HEAD/TAPE RELATIVE SPEED: 6.8m/s

RECORDING FREQUENCY: 1MHz

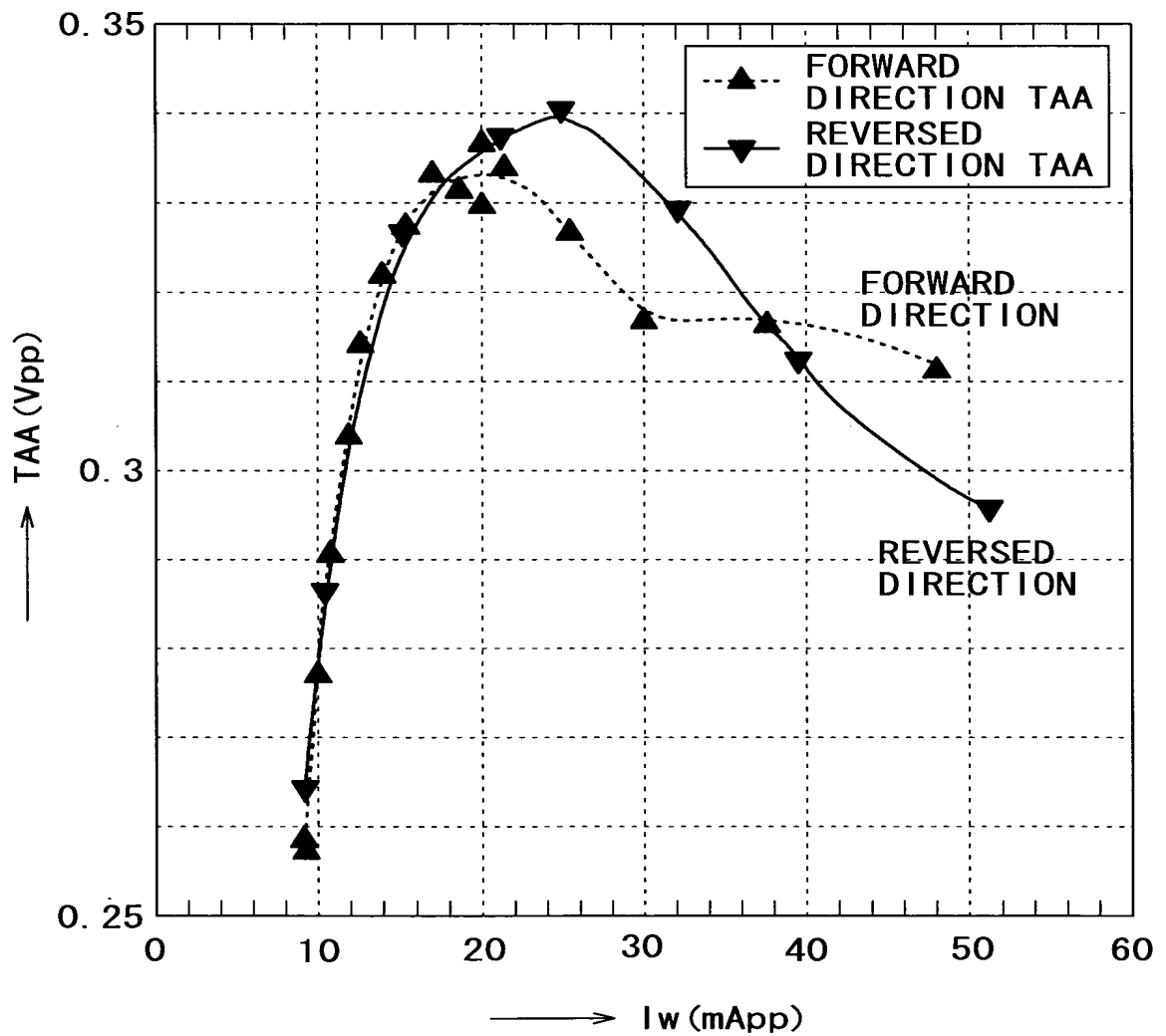


FIG. 16

TAPE: THIN-LAYER COBALT OBLIQUE EVAPORATION TAPE
 RECORDING HEAD: MIG (TRACK WIDTH OF $12\ \mu\text{m}$)
 REPRODUCING HEAD: MR (DEVICE TRACK WIDTH OF $9\ \mu\text{m}$
 AND INTER-SHIELD GAP LENGTH OF $0.23\ \mu\text{m}$)
 HEAD/TAPE RELATIVE SPEED: 6.8m/s
 RECORDING FREQUENCY: 1MHz

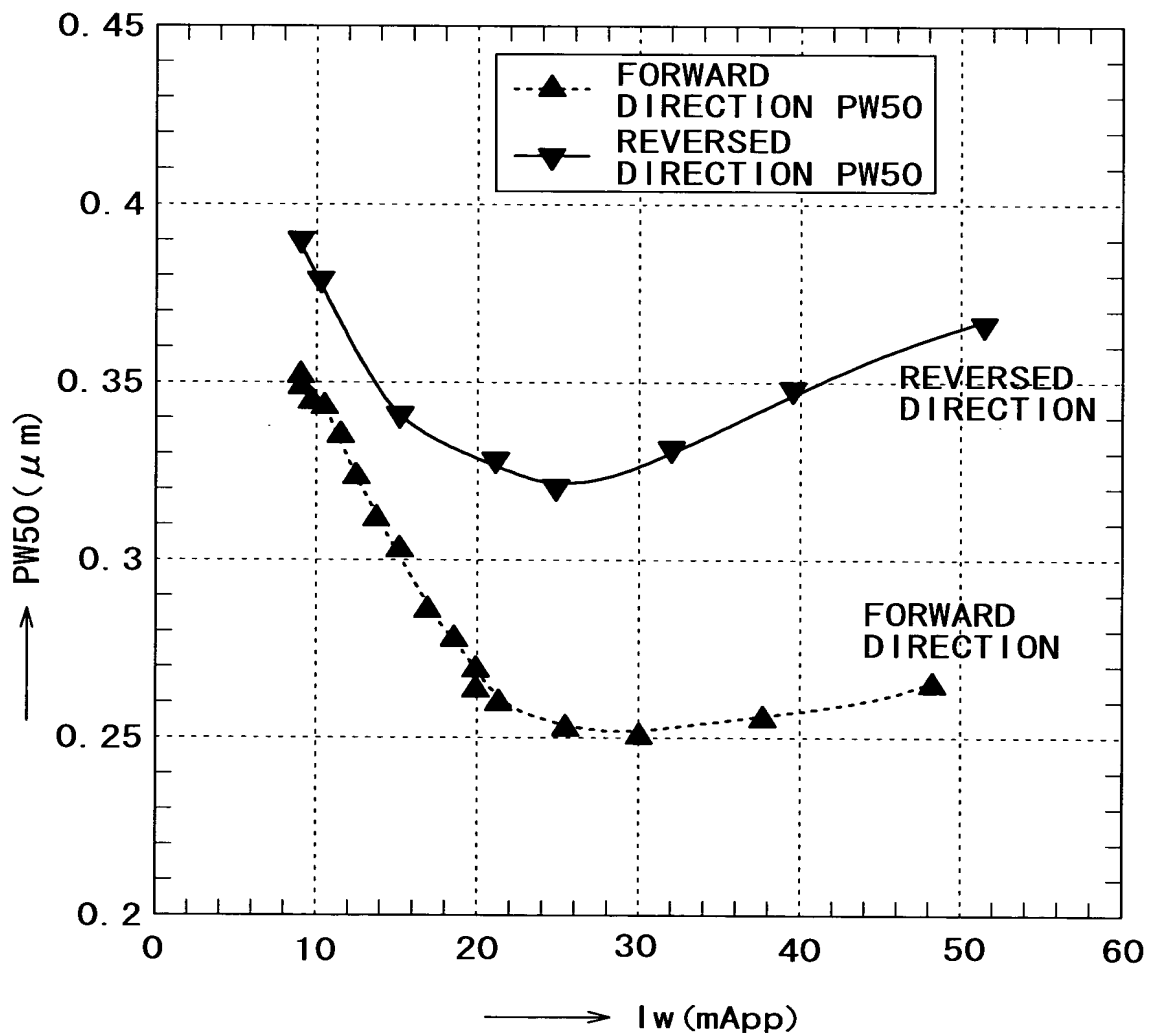


FIG. 17

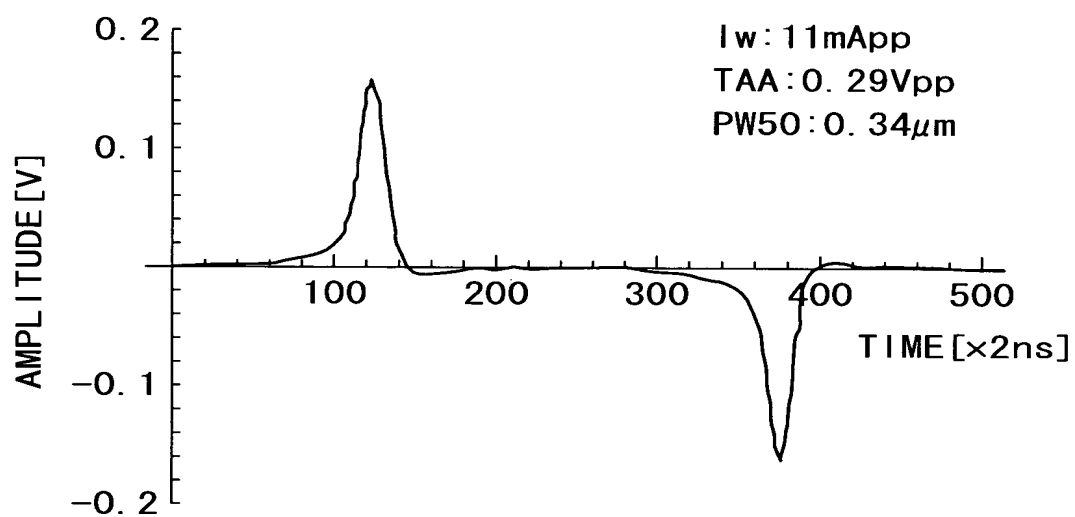


FIG. 18

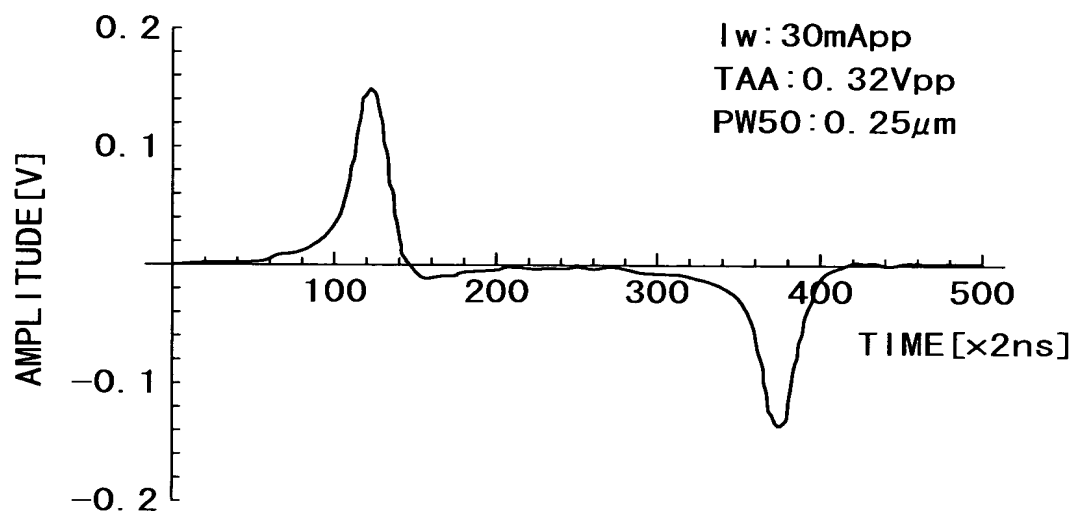


FIG. 19

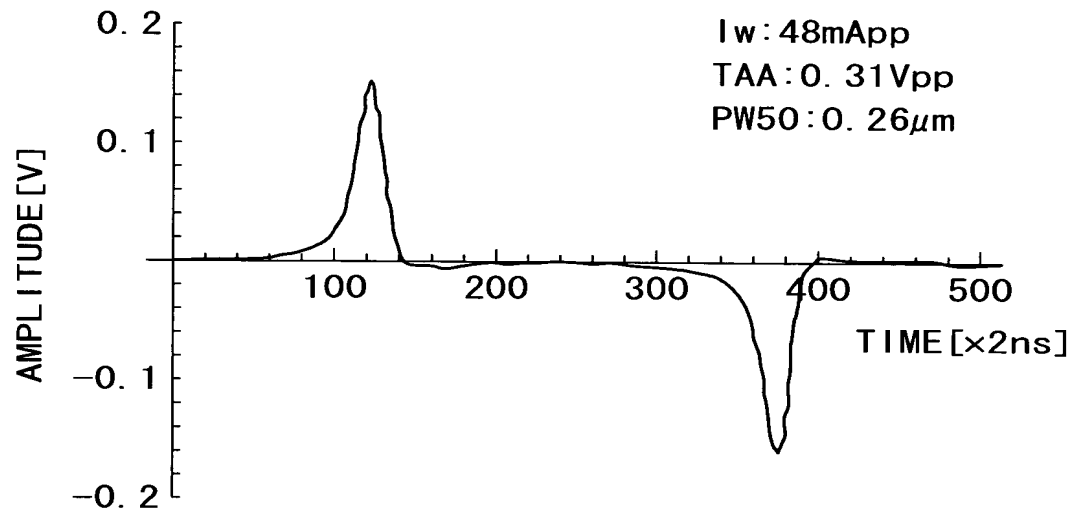
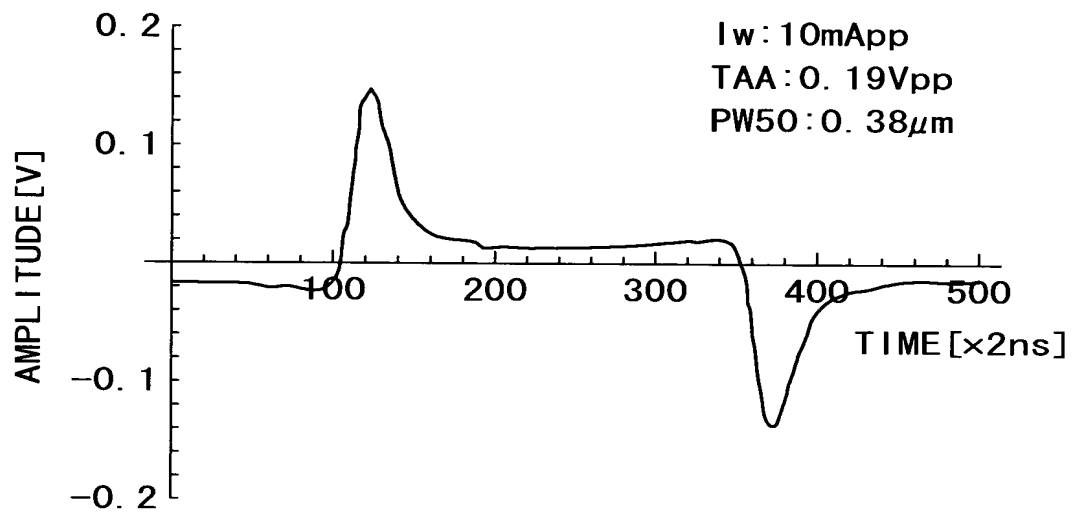
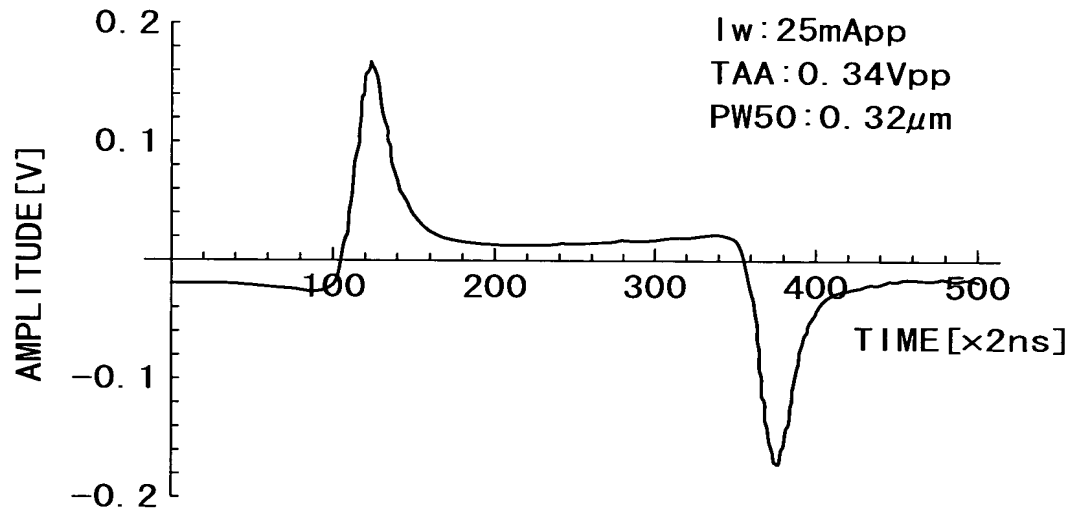


FIG. 20



F I G. 2 1



F I G. 2 2

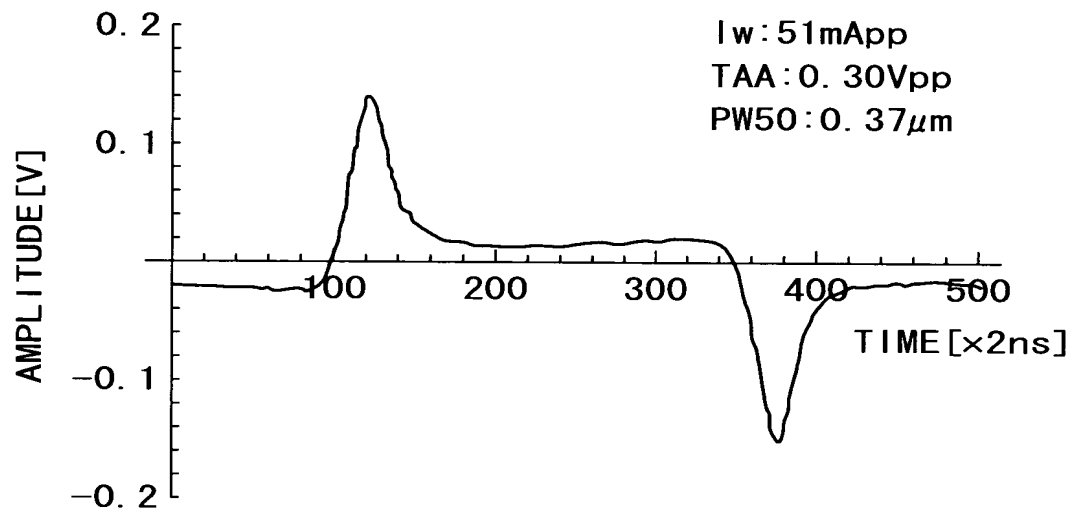


FIG. 23

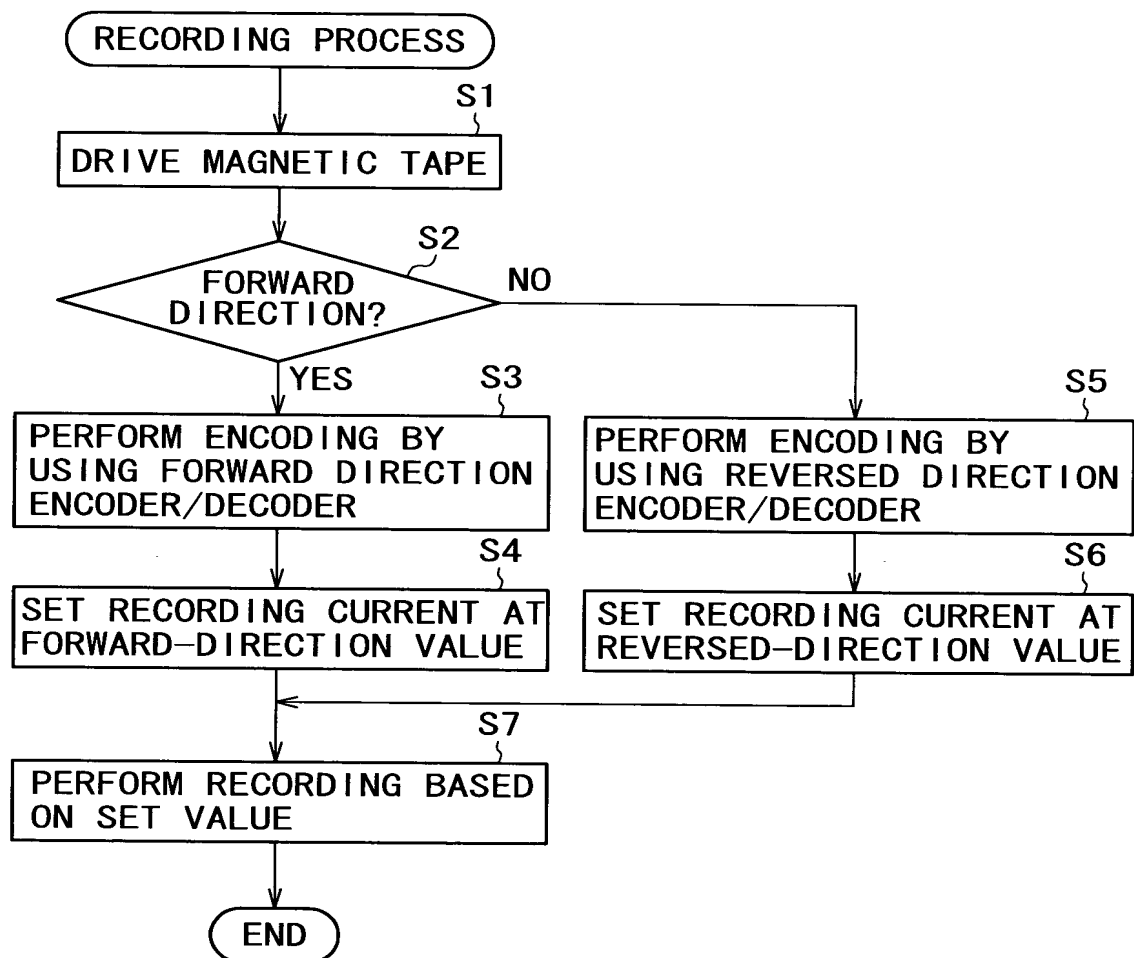


FIG. 24

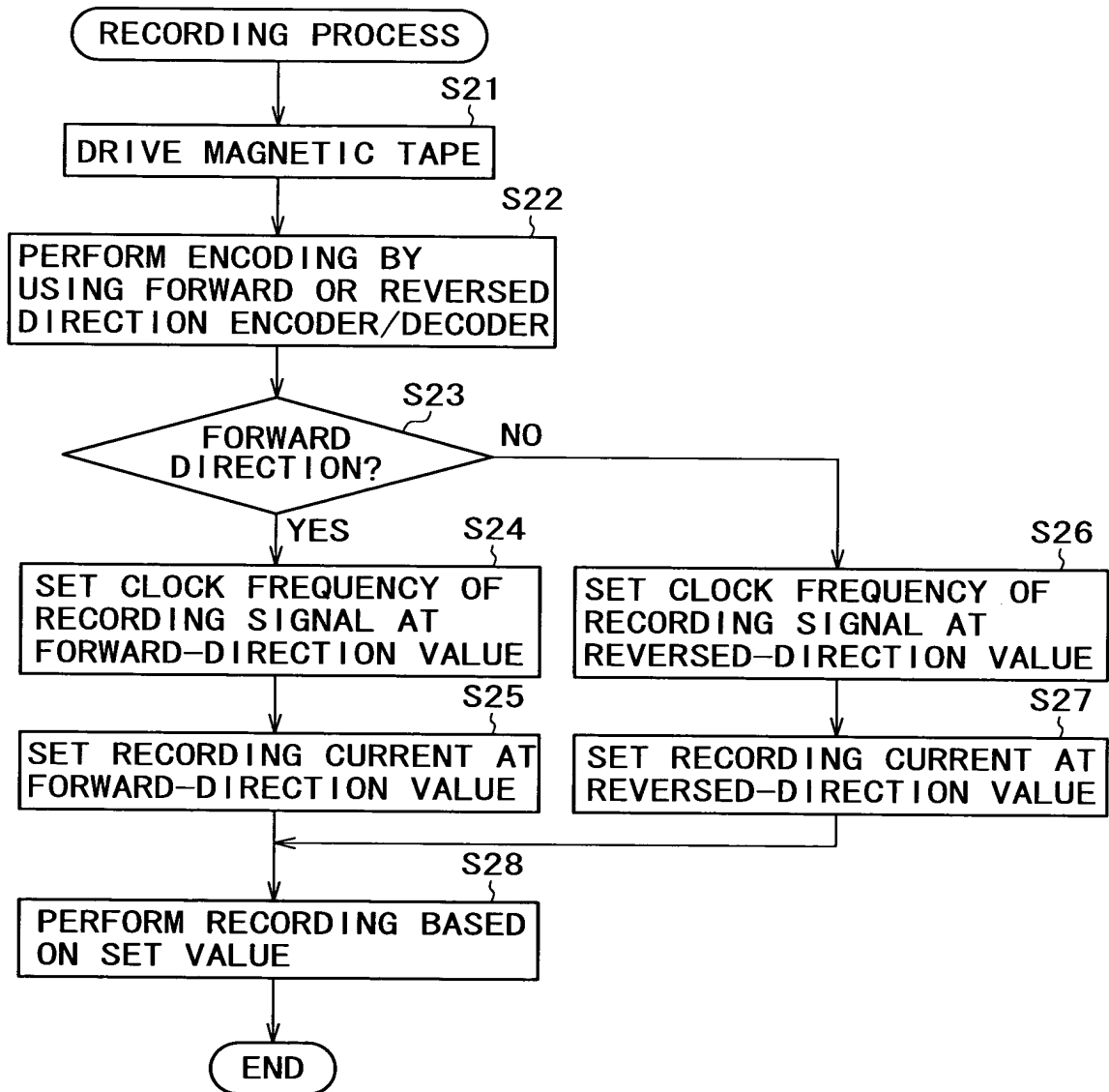


FIG. 25

AMPLITUDE FREQUENCY CHARACTERISTICS

FORWARD DIRECTION

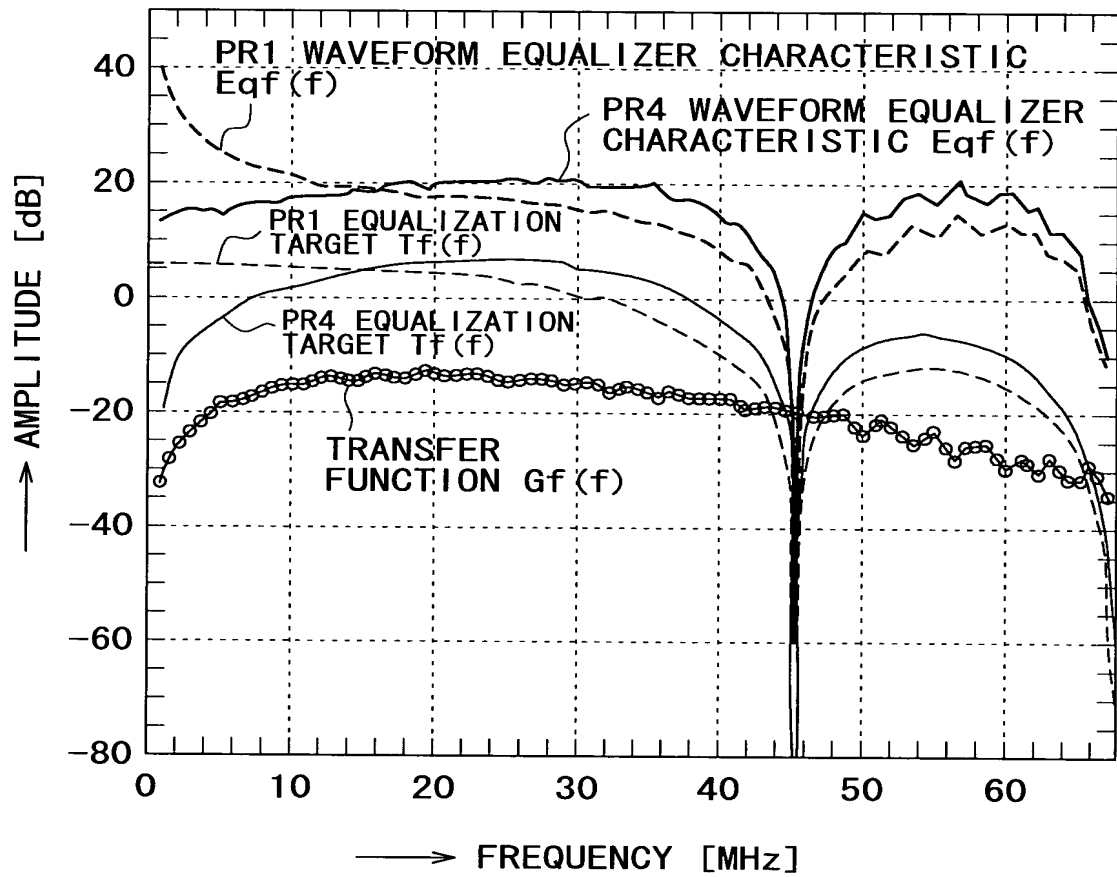


FIG. 26

AMPLITUDE FREQUENCY CHARACTERISTICS

REVERSED DIRECTION

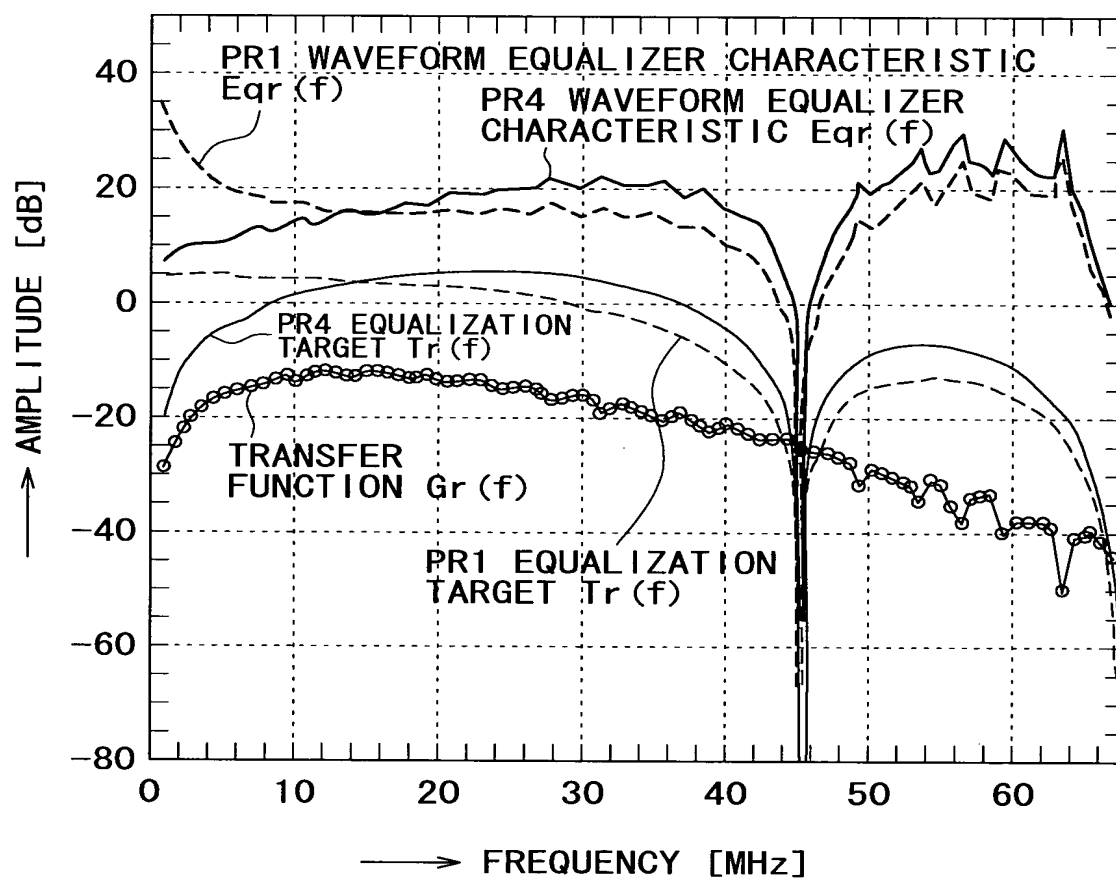


FIG. 27

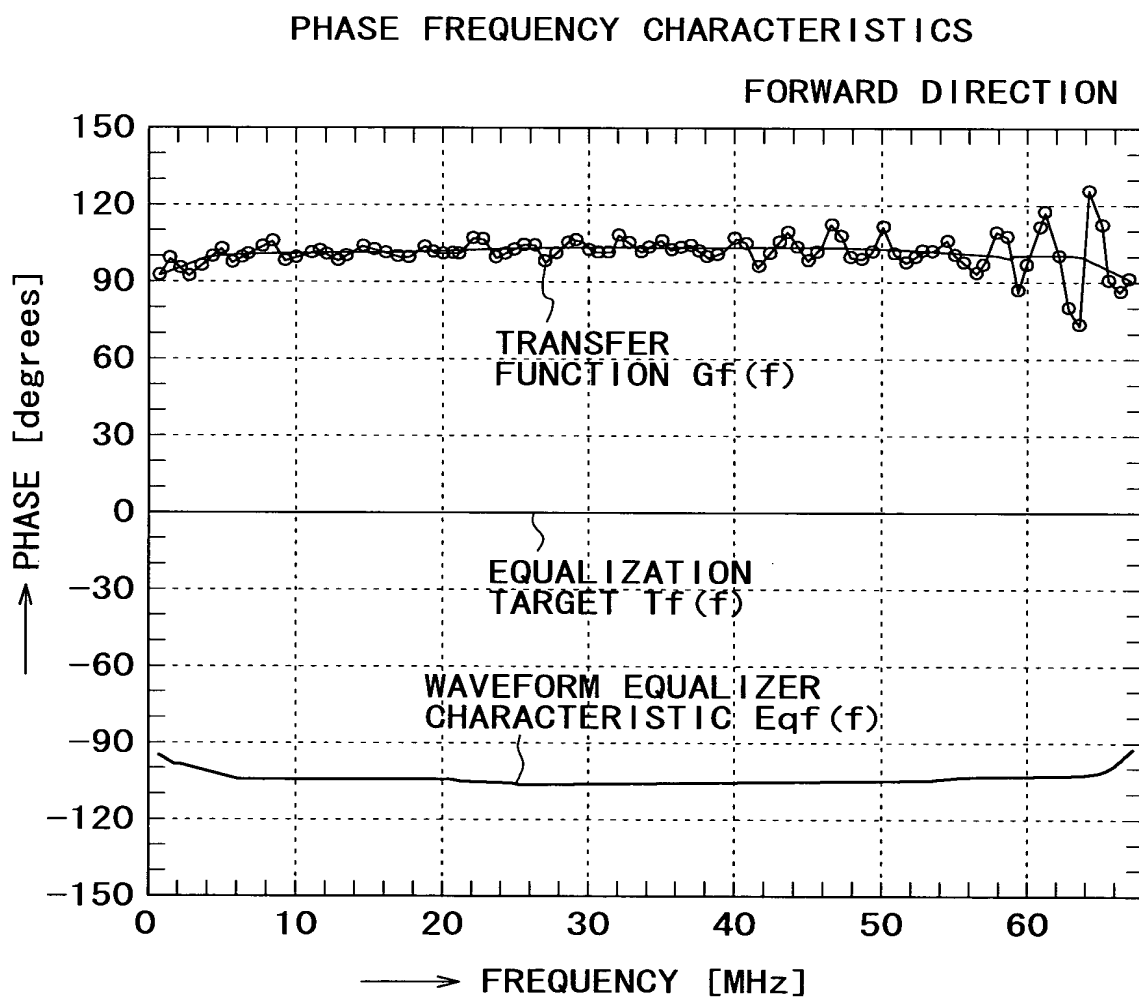


FIG. 28

PHASE FREQUENCY CHARACTERISTICS

REVERSED DIRECTION

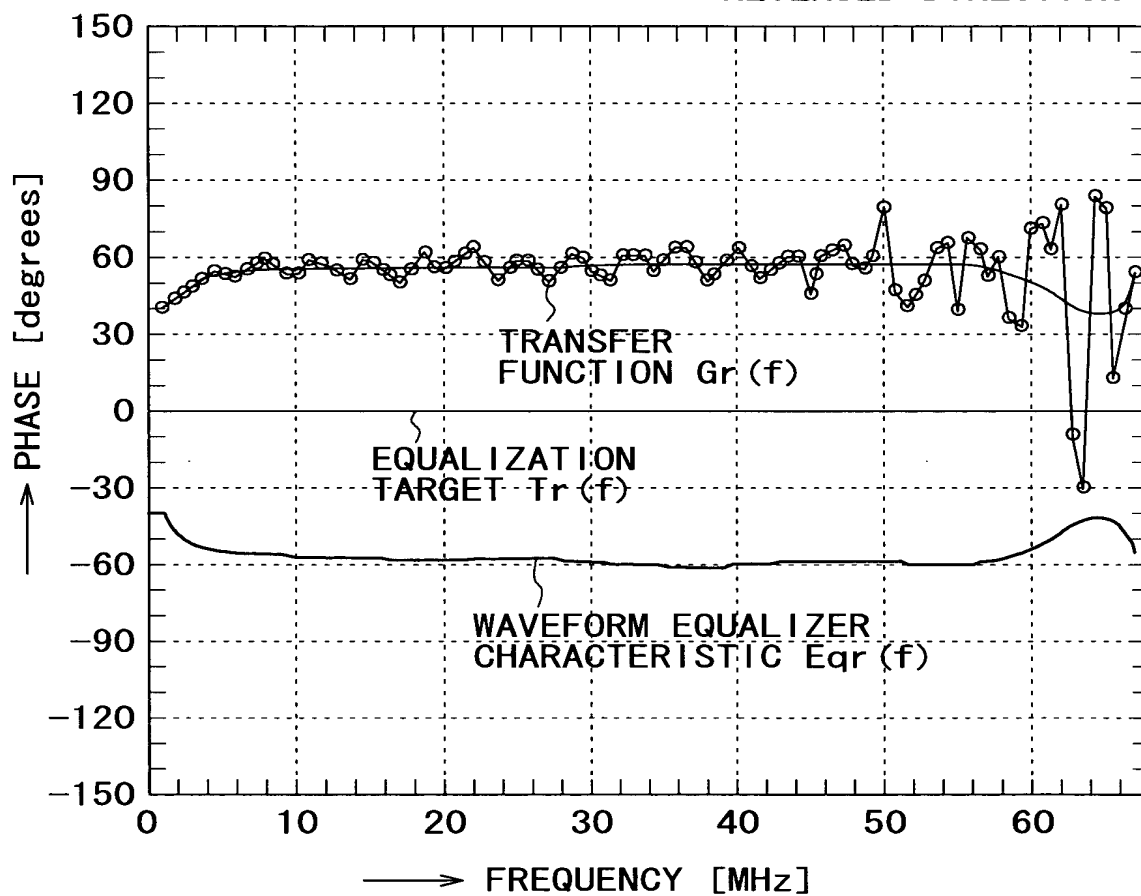


FIG. 29

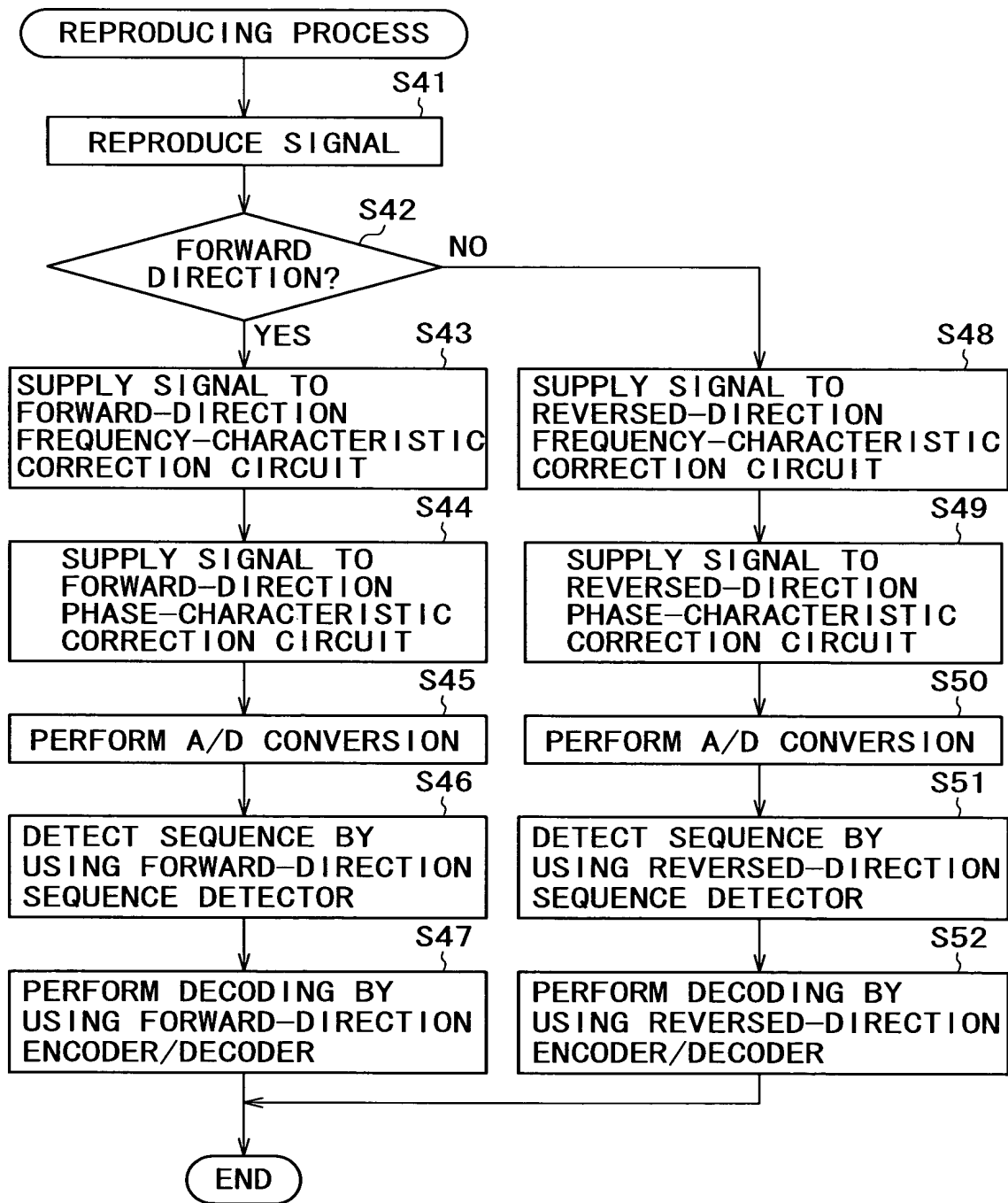


FIG. 30

